

Michael Jones' Publications

Peer-Reviewed Papers

(Statistical)

1. Jones MP and Crowley J. A general class of nonparametric tests for survival analysis. Biometrics 45:157-170, 1989.
2. Jones MP, O'Gorman TW, Lemke JH and Woolson RF. A Monte Carlo investigation of homogeneity tests of the odds ratio under various sample size configurations. Biometrics 45:171-181, 1989.
3. O'Gorman T, Woolson RF, Jones MP and Lemke JH. A Monte Carlo study of three odds ratio estimators and four tests of association in several 2x2 tables when data are sparse. Communications in Statistics-Simulation, 17(3):813-835, 1988.
4. Jones MP and Crowley J. Asymptotic properties of a general class of nonparametric tests for survival analysis. Annals of Statistics 18(3):1203-1220, 1990.
5. O'Gorman TW, Woolson FR, Jones MP and Lemke JH. Statistical analysis of K 2x2 tables: A comparative study for estimators/test statistics for association and homogeneity. Environmental Health Perspectives 87:103-107, 1990. Also, published in Biostatistics in Cancer Risk Assessment, edited by D Hoel and T Yanagawa, pp. 39-43, Tokyo, 1991.
6. Jones MP. Robust tests for survival data involving a single continuous covariate. Scandinavian Journal of Statistics 18:323-332, 1991.
7. Jones MP and Crowley J. Nonparametric survival tests of the Markov model. Biometrika 79:513-522, 1992.
8. Davis CS and Jones MP. Maximum likelihood estimation for the multinomial distribution. Teaching Statistics 14:9-11, 1992.
9. O'Gorman TW, Woolson RF, Jones MP. A comparison of two methods of estimating a common risk difference in a stratified analysis of a multicenter clinical trial. Controlled Clinical Trials 15:135-153, 1994.
10. Jones MP. Indicator and stratification methods for missing covariates in multiple linear regression. Journal of the American Statistical Association, 91:222-230, 1996.
11. Jones MP. A class of semiparametric regressions for the accelerated failure time model. Biometrika 84:73-84, 1997.

12. Wang HM, Jones MP and Burns TL. Regression diagnostics for the class A regressive model with quantitative phenotypes. Genetic Epidemiology 17:174-187, 1999.
13. Jones MP. Nonrobustness of information tests in detecting heterogeneity. Canadian Journal of Statistics, 27:771-779, 1999.
14. Jones MP. Unmasking the trend sought by Jonckheere-type tests for right-censored data. Scandinavian Journal of Statistics 28:527-535, 2001.

(Biomedical)

1. Hackney JD, Evans MJ, Bils RF, Spier CE and Jones MP. Effects of 100% oxygen and food deprivation on cell division in lung alveoli of mice. Exp and Mol Path 26:350-358, 1977.
2. Azen SP, Linn WS, Hackney JD, Jones MP and Schoentgen S. A comparison of eight lung function indices in smoking and non-smoking office workers. Lung 154:213-221, 1977.
3. Azen SP, Linn WS, Hackney JD and Jones MP. A factor analytic approach to an effective lung function screening protocol. Amer J Public Health 68(1):49-53, 1978.
4. Linn WS, Buckley RD, Spier CE, Blessey RL, Jones MP, Fischer DA and Hackney JD. Health effects of ozone exposure in asthmatics. Am Rev Resp Dis 117:835-843, 1978.
5. Buckley RD, Posin CI, Clark KW, Hackney JD, Jones MP and Patterson JV. Nitrogen dioxide inhalation and human blood biochemistry. Arch Env Health 33(6):318-324, 1978.
6. Linn WS, Jones MP, Bachmayer EA, Clark KW, Karuza SK and Hackney JD. Effects of low-level ozone exposure on arterial oxygenation in humans. Amer Rev Rep Dis 119:731-740, 1979.
7. Avol EL, Jones MP, Bailey RM, Chang NN, Kleinman MT, Linn WS, Hackney JC and Bell KA. Controlled exposures of human volunteers to sulfate aerosols: Health effects and aerosol characterization. Am Rev Resp Dis 120(8):319-328, 1979.
8. Posin CI, Clark KW, Jones MP, Buckley RD and Hackney JD. Human biochemical response to ozone and vitamin E. J Toxicol Environ Health 5:1049-1058, 1979.
9. Kleinman MT, Linn WS, Bailey RM, Jones MP and Hackney JD. Effect of ammonium nitrate aerosol on human respiratory function and symptoms. Environ Res 21:317-326, 1980.
10. Linn WS, Jones MP, Bailey RB, Kleinman MT, Spier CE, Fischer DA and Hackney JD. Respiratory effects of mixed nitrogen dioxide and sulfur dioxide in human volunteers

under simulation ambient exposure conditions. Environmental Research 22:431-438, 1980.

11. Hackney JD, Linn WS, Buckley RD, Jones MP, Wightman LH, Karuza SK, Clark KW, Blessey RL and Hislop HJ. Vitamin E supplementation and respiratory effects of ozone in humans. J Toxicol Environ Health 7:383-390, 1981.
12. Kleinman MT, Bailey RM, Chang YC, Clark KW, Jones MP, Linn WS and Hackney JD. Exposures of human volunteers to a controlled atmospheric mixture of ozone, sulfur dioxide and sulfuric acid. J Amer Ind Hyg Assoc 42:61-69, 1981.
13. Miller RC, Hiraoka T, Nakamura N, Tenou H, Kopecky KJ, Jones MP and Gould MN. In vitro culture of human thyroid cells; methods and application to radiation biology. J Radiat Res 26:269-282, 1985.
14. Hiraoka H, Miller RC, Gould MN, Kopecky KJ, Ezaki H, Takeichi N, Ito T, Jones MP and Clifton KH. Survival of human normal thyroid cells after x-ray irradiation. Int J Radiat Biol 47:299-307, 1985.
15. Miller RC, Hiraoka T, Kopecky KJ, Nakamura N, Jones MP, Ito T and Clifton KH. Sensitivity to radiation of human normal, hyperthyroid and neoplastic thyroid epithelial cells in primary culture. Radiat Res 111:81-91, 1987.
16. Biller J, Jones MP, Bruno A, Adams HP and Banwart K. Seasonal variation of stroke - does it exist. Neuroepidemiology 7:89-98, 1988.
17. Radford JE, Burns CP, Jones MP, Gingrich RD, Kemp JD, Edwards RW, McFadden DB, Dick FR and Chen WB. Adult acute lymphoblastic leukemia: Results of the Iowa HOP-L protocol. Journal of Clinical Oncology 7(1):58-66, 1989.
18. Biller J, Bruno A, Adams HP, Godersky JC, Loftus CM, Mitchell VL, Banwart KJ and Jones MP. A randomized trial of aspirin or heparin in hospitalized patients with recent transient ischemic attacks - a pilot study. Stroke 20(4):441-447, 1989.
19. Graff-Radford NR, Godersky J and Jones MP. Variables predicting surgical outcome in symptomatic hydrocephalus in the elderly. Neurology 39:1601-1604, 1989.
20. Love BL, Biller J, Jones MP, Adams Jr HP and Bruno A. Cigarette smoking: A risk factor for cerebral infarction in your adults. Arch Neurol 47:693-698, 1990.
21. Biller J, Love BB, Marsh EE III, Jones MP, Knepper LE, Jiang D, Adams Jr HP and Gordon DL. Spontaneous improvement after acute ischemic stroke. A pilot study. Stroke 21:1008-1012, 1990.
22. Roberts RO, Lynch CF, Jones MP and Hart M. Medulloblastoma: A population-based study of 532 cases. Journal of Neuropathology and Experimental Neurology 50(2):134-144, 1991.

23. Lynch CF, Platz CE, Jones MP and Gazzaniga JM. Cancer Registry Problems in Classifying Invasive Bladder Cancer. Journal of the National Cancer Institute 83(6):429-433, 1991.
24. Russell JW, Biller J, Hajduczuk ZD, Jones MP, Kerber RE and Adams JR, HP. Ischemic Cerebrovascular Complications and Risk Factors in Idiopathic Hypertrophic Subaortic stenosis. Stroke 22:1143-1147, 1991.
25. Munger RG, Prineas RJ, Crow RS, Changbumrung S, Keane V, Wangsuphachart V and Jones MP. Prolonged QT Interval and Risk of Sudden Death in South-east Asian Men. Lancet 338:280-281, 1991.
26. Follett KA, Hitchon PW, Piper J, Kumar V, Clamon G and Jones MP. Response of intractable pain to continuous intrathecal morphine: A retrospective study. Pain 49:21-25, 1992.
27. Ryan J, Zwerling C and Jones M. The effectiveness of preemployment drug screening in the prediction of employment outcome. J Occup Med 34(11):1057-1063, 1992.
28. Cadwell FJ, Burns CP, Dick FR, Jones MP, Heckman KD, Weiner GJ, Goehen JA. Minimally differentiated acute leukemia. Leukemia Research 17(3):199-208, 1993.
29. Zwerling C, Sprince NL, Ryan J and Jones MP. Occupational injuries: comparing the rates of male and female postal workers. American Journal of Epidemiology 138(1):46-55, 1993.
30. Pomrehn PR, Jones MJ, Ferguson KJ and Becker SL. Tobacco use initiation in middle school children in three Iowa Communities: The results of the Iowa Program against smoking. Journal of Health Education, 26(2):92-100, 1995.
31. Ryan J, Zwerling C and Jones M. Cigarette smoking at hire as a predictor of employment outcome. J Occup Envir Med 38:928-933, 1996.
32. Platz CE, Cohen MB, Jones MP, Olson DB and Lynch CF. Is microstaging of early invasive cancer of the urinary bladder possible or useful? Modern Pathology 9(11):1035-1039, 1996.
33. Heckman KD, Weiner GJ, Davis CS, Strauss RG, Jones MP and Burns CP. Randomized study of prophylactic platelet transfusion threshold during induction therapy for adult acute leukemia:10,000/ μ L vs 20,000/ μ L. Journal of Clinical Oncology 15:1143-1149, 1997.
34. Cowl CT, Jones MP, Lynch CF, Sprince NL, Zwerling C and Fuortes LJ. Factors associated with fatalities and injuries from hot-air balloon crashes. JAMA 279(13):1011-1014, 1998.

35. Zwerling C and Jones MP. Evaluation of the effectiveness of low blood alcohol concentration laws for younger drivers. American Journal of Preventive Medicine 16(1S):76-80, 1999.
36. Ephgrave KS, Buchmiller C, Jones MP, Cullen JJ. The cup is half full. An analysis of clinical outcomes following feeding enterostomies. American Journal of Surgery 178(5):406-410, 1999.
37. Kline JN, Cowden JD, Hunninghake GW, Schutte BC, Watt JL, Wohlford-Lenane CL, Powers LS, Jones MP and Schwartz DA. Variable airway responsiveness to inhaled lipopolysaccharide. American Journal of Respiratory Critical Care Medicine 160:297-303, 1999.
38. Arbour NC, Lorenz E, Schutte BC, Zabner J, Kline JN, Jones M, Frees K, Watt JL and Schwartz DA. TLR4 mutations are associated with endotoxin hyporesponsiveness in humans. Nature Genetics 25:187-191, 2000.
39. Weyer PJ, Cerhan JR, Kross BC, Hallberg GR, Kantamneni J, Breuer G, Jones MP, Zheng W, Lynch CF. Municipal drinking water nitrate level and cancer risk in older women: The Iowa Women's Health Study. Epidemiology 11:327-333, 2000.
40. Lorenz E, Jones M, Wohlford-Lenane C, Meyer N, Frees KL, Arbour NC, Schwartz DA. Genes, other than TLR4, are involved in the response to inhaled LPS. Am J Physiol: Lung Cell Mol Physiol 281(5):L1106-14, 2001.
41. Turvey CL, Conwell Y, Jones MP, Phillips C, Simonsick E, Pearson JL, Wallace R. Risk Factors for Late-Life Suicide: A Prospective Community-Based Study. Am J of Geriatric Psychiatry 10(4):398-406, 2002 Jul-Aug.
42. Van Voorhis BJ, Romitti PA, Jones MP. Family history as a risk factor for the development of uterine fibroids. Results of a pilot study and literature review. J Reproductive Med 47:663-669, 2002.

Chapters

1. Hackney JD, Linn WS, Jones MP, Bailey RM, Julin DR and Kleinman MT. Short-term respiratory effects of sulfur-containing pollutant mixtures: Some recent findings from controlled clinical studies (Chapter 11). In Atmospheric Sulfur Deposition, Environmental Impact and Health Effects, 77-84. DS Shriner, CR Richmond, SE Lindberg, eds. Ann Arbor Science Publishers, Inc., 1980.

2. Hackney JD, Linn WS, Avol EL, Jones MP, Bailey RM and Kleinman MT. Human health effects of nitrogenous air pollutants: Recent findings from controlled environmental clinical studies (Chapter 19). In Nitrogen Oxides and Their Effects on Health, 307-314, SD Lee, ed. Ann Arbor Science Publishers, Inc., 1980.
3. Graff-Radford NR, Godersky JC, Tranel D, Eslinger, Jones MP. Neuropsychological testing in normal pressure hydrocephalus. Proceedings of the VIIth International Symposium on Intracranial Pressure and Brain Injury. Ann Arbor, Michigan, June 19-23, 1988.

Abstracts

1. Jones MP and Yoshida RK. Fortran IV program to determine the proper sequence of records in a data file. Educational and Psychological Measurement, October 1975.
2. Linn WS, Hackney JD, Jones MP and Patterson JV. Smoking-related pulmonary dysfunction in male vs. female office workers. Amer Rev Resp Dis 113(4,II):86, April 1976.
3. Azen SP, Jones MP, Linn WS and Hackney JD. Interrelationships among simple indices of pulmonary function: A factor-analytic approach. Am Rev Resp Dis 115(4):302, April 1977.
4. Linn WS, Buckley RD, Spier CE, Blessey RL, Jones MP, Fischer DA and Hackney JD. Health effects of ozone exposure in asthmatics. Clin Res 26(2):136A, February 1978.
5. Hackney JD, Linn WS, Buckley RD, Spier CE, Jones MP, Clark KW and Posin CI. Human health effects of nitrogen oxides. Published in conference Proceedings of American Chemical Society meeting, Anaheim, California, March 1978.
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7. Avol EL, Jones MP, Bailey RM, Chang NN, Kleinman MT, Linn WS, Hackney JD, Bell KA. Aerosol characterization and health effects of ammonium sulfate, ammonium bisulfate, and sulfuric acid aerosols in controlled human exposures. APCA Annual Meeting in Houston, Texas, June 1978. Published in conference proceedings.
8. Linn WS, Jones MP, Bachmayer EA, Spier CE, Fasciano SA, Avol EL and Hackney JD. Short-term health effects of exposure to photochemical air pollution: A "controlled" laboratory study. Am Rev Resp Dis 119(4,II):228, April 1979.

9. Avol EL, Jones MP, Wightman LH, Bachmayer EA, Spier CE, Linn WS and Hackney JD. Investigation of short-term health effects of ambient photochemical air pollution. APCA, presented at 72nd Annual Meeting, Cincinnati, Ohio, June 24-29, 1979.
10. Hackney JD, Linn WS, Avol EL, Jones MP, Bailey RM and Kleinman MT. Human health effects of nitrogenous air pollutants: Recent findings from controlled-environment clinical studies. Published in conference proceedings, American Chemical Society, Division of Environmental Chemistry. Ann Arbor Science Publishers, Inc., 1979.
11. Hackney JD, Linn WS, Jones MP, Kleinman MT, Bailey RM and Julin DR. Short-term respiratory effects of sulfur containing pollutant mixtures: Some recent findings from controlled clinical studies. Second Annual Oakridge National Laboratory Life Sciences Symposium in Gatlinburg, TN, October 1979.
12. Jones M. A general class of nonparametric procedures for survival analysis. Abstracts of Contributed Papers, 13th International Biometric Conference, Seattle, Washington, July 27 - August 1, 1986.
13. Jones M. Nonparametric tests for trend in a 2 x k table. Abstracts of Contributed Papers, American Statistical Association Conference, San Francisco, California, August 17-20, 1987.
14. Jones M. A general class of nonparametric survival analysis procedures for the Markov model. Published in conference proceedings, Biometrics (ENAR) Conference, Boston, Massachusetts, March 1988.
15. Beattie BA, Biller J, Bruno A, Adams Jr HP and Jones MP. Cigarette smoking as a risk factor for neurologic cerebral infarction in young adults. World Federation of Neurology, Research Group on Epidemiology, Cincinnati, Ohio, April 22, 1988.
16. Moore DB, Jones MP, Biller J, Olinger CP, Marler JR, Barsan W, Adams Jr HP and Brott T. Lack of relationship between hematocrit and hemoglobin and outcome of acute cerebral ischemia. A study in 65 patients given Naloxone. Supplement II Circulation 78(4), October 1988.
17. Jones MP. A general class of nonparametric tests for survival analysis. Abstract book from conference on robustness and nonparametric statistics, part I XXXIII semester, Stefan Banach International Mathematical Center, Warsaw, Poland, March 1-May 31, 1989.
18. Biller J, Love BB, March EE III, Knepper L, Jones MP, Adams Jr HP and Gordon DL. Spontaneous improvement after acute ischemic stroke. A pilot study. Joint Conference on Stroke and Cerebral Circulation. Orlando, Florida, February 16, 1990.

19. Jones MP. Robust tests for survival data involving a single continuous covariate. Conference proceeding, Biometrics (ENAR) conference, Baltimore, Maryland, 1990.
20. Gordon DL, Biller J, Jones MP, Marsh EE III, Loftus CM, Love BB and Adams Jr HP. Hypcholesterolemia is not an important marker for spontaneous intracerebral hemorrhage. AAN Scientific Program, 1991.
21. Heckman K, Weiner GJ, Strauss RG, Jones MP and Burns CP. Randomized evaluation of the optimal platelet count for prophylactic platelet transfusions in patients undergoing induction therapy for acute leukemia. The American Society of Hematology, 35th Annual Meeting. December 3-7, 1993, St. Louis, Missouri.
22. Platz CE, Cohen MB, Jones MP, Olson DB and Lynch CF. Is microstaging of early invasive (T1) cancer of the urinary bladder possible or useful? Annual meeting of the United States and Canadian Academy of Pathology. March 12-19, 1994, San Francisco, California.
23. Ephgrave KS, Buchmiller C, Jones M and Cullen JJ. The cup is half full: an outcome analysis of feeding enterostomies in the nineties. Association of VA Surgeons Twenty-first Scientific Symposium, 1997.
24. Ephgrave K, Jones M, Cullen J and Buchmiller C. Outcomes following feeding enterostomies: what factors cause morbidity? The Society of University Surgeons. February 12-14, 1998, Milwaukee, Wisconsin.
25. Heckman KD, Weiner GJ, Davis CS, Strauss RG, Jones MP and Burns CP. Randomized study of prophylactic platelet transfusion threshold during induction therapy for adult acute leukemia: 10,000/ μ l versus 20,000/ μ l. Year Book of Hematology, Mosby-Year Book, Inc., 1998.
26. Dvoracek MA, Jones MP, Olson DB, Andrews FR, Lynch CF and Cohen MB. Prognostic markers in human prostatic adenocarcinoma: a population based study. Modern Pathology 12:94A, 1999.
27. Romitti PA, Squire RM, Jones MP, Lynch CF. Evaluation of a population-based method to identify affected relative pairs with cancer. American Journal of Epidemiology Supplement 151:308, 2000.
26. Cerhan J, Weyer P, Kross B, Hallbert G, Kantamneni J, Breu7er G, Jones M, Zheng W, Lynch C. A cohort study of nitrate levels in municipal drinking water and cancer risk. Cancer Epidemiology, 2000; 9:235.